antibodies.com

Datasheet for ABIN2787602 anti-IMPA2 antibody (C-Term)

Image



Overview

Quantity:	100 µL
Target:	IMPA2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Impa2
Sequence:	GAFCNGQRLQ VSRETDLAKA LVLTEIGPKR DPDTLKVFLS NMERLLHAKA
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against Impa2. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	IMPA2
Alternative Name:	Impa2 (IMPA2 Products)

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Target Details

Background:	Impa2 can use myo-inositol monophosphates, scylloinositol 1,4-diphosphate, glucose-1-
	phosphate, beta-glycerophosphate, and 2'-AMP as substrates. Impa2 has been implicated as
	the pharmacological target for lithium Li+ action in brain.
	Alias Symbols: 2210415D20Rik, Al326924, AW259601
	Protein Size: 290
Molecular Weight:	32 kDa
Molecular Weight: Gene ID:	32 kDa 114663

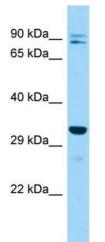
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 290 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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Western Blotting

Image 1. Host: Rabbit Target Name: Impa2 Sample Type: Mouse Testis lysates Antibody Dilution: 1.0ug/ml

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